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1 Routine/Function Prologues

1.1 Fortran: Module Interface geosdomain_module.F90 (Source File: geosdomain_module.F90)

Contains routines and variables that define the native domain for GEOS model forcing.

INTERFACE:

```
module geosdomain_module
```

USES:

```
use geosdrv_module
```

ARGUMENTS:

```
type(geosdrvdec) :: geosdrv
integer :: mi
```

1.1.1 defnatgeos.F90 (Source File: geosdomain_module.F90)

Defines the kgds array describing the native forcing resolution for GEOS data.

REVISION HISTORY:

11Dec2003: Sujay Kumar; Initial Specification

INTERFACE:

```
subroutine defnatgeos(kgdsi)
```

USES:

```
use lisdrv_module, only: lis
use time_module, only : date2time
implicit none
```

CONTENTS:

```
call readgeoscrd(geosdrv,kgdsi)
mi = geosdrv%ncold*geosdrv%nrold
yr1 = 2002 !grid update time
mo1 = 10
da1 = 01
hr1 = 0; mn1 = 0; ss1 = 0
call date2time(geosdrv%griduptime,updoym,upgmt,yr1,mo1,da1,hr1,mn1,ss1)
geosdrv%gridchange = .true.
```